10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-CYSLTR2 Antibody
Rabbit polyclonal antibody to CYSLTR2
Catalog # AP59857

Specification

Anti-CYSLTR2 Antibody - Product Information

Application	**WB**
Primary Accession	Q9NS75
Reactivity	**Human, Mouse, Rat, Pig, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**39635**

Anti-CYSLTR2 Antibody - Additional Information

Gene ID 57105

Other Names
CYSLT2; CYSLT2R; Cysteinyl leukotriene receptor 2; CysLTR2; G-protein coupled receptor GPCR21; hGPCR21; G-protein coupled receptor HG57; HPN321

Target/Specificity
Recognizes endogenous levels of CYSLTR2 protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-CYSLTR2 Antibody - Protein Information

Name CYSLTR2

Synonyms CYSLT2, CYSLT2R

Function
Receptor for cysteinyl leukotrienes. The response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system. Stimulation by BAY u9773, a partial agonist, induces specific contractions of pulmonary veins and might also have an indirect role in the relaxation of the pulmonary vascular endothelium. The rank order of affinities for the leukotrienes is LTC4 = LTD4 >> LTE4.

Cellular Location

Cell membrane; Multi-pass membrane protein.

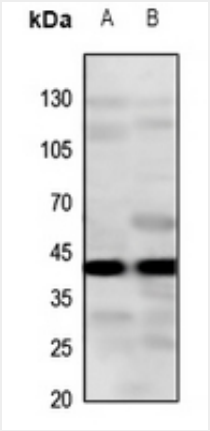
Tissue Location
Widely expressed, with highest levels in the heart, placenta, spleen, peripheral blood leukocytes and adrenal gland. In lung, expressed in the interstitial macrophages, and slightly in smooth muscle cells

Anti-CYSLTR2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CYSLTR2 Antibody - Images



Western blot analysis of CYSLTR2 expression in rat heart (A), mouse spleen (B) whole cell lysates.

Anti-CYSLTR2 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CYSLTR2. The exact sequence is proprietary.